

CLEANING METHOD OF HOLLOW YARN MEMBRANE MODULE AND FILTRATION DEVICE USED FOR THE METHOD

Publication number: JP10286441 (A)

Publication date: 1998-10-27

Inventor(s): MIURA TSUTOMU; KOMORI SHINJI; KOBAYASHI MASASHI +

Applicant(s): KURARAY CO +

Classification:

- international: **B01D63/02; B01D65/02; B01D63/02; B01D65/00; (IPC1-7): B01D63/02; B01D65/02**

- European:

Application number: JP19970161166 19970618

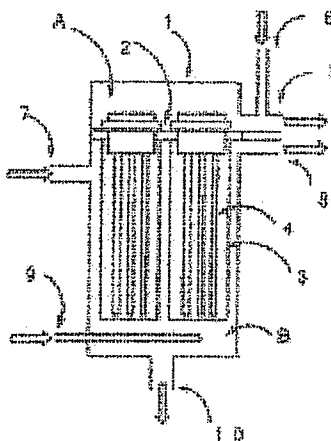
Priority number(s): JP19970161166 19970618; JP19970027621 19970212

Also published as:

JP3887072 (B2)

Abstract of JP 10286441 (A)

PROBLEM TO BE SOLVED: To provide a cleaning method of hollow yarn membrane module capable of stably and continuously operating filtration over a long period and to provide a filtration device used for the same. **SOLUTION:** A pressurizing process for introducing a gas having lower pressure than the pressure of a gas released from an original liquid side of a hollow yarn membrane is executed in the state that liquid is filled on the original liquid side of the hollow yarn membrane and during the pressurizing process or after the pressurizing process, the original liquid side of the hollow yarn membrane is cleaned by bubbles. A filtration device used for the cleaning method is constituted of the hollow yarn membrane module 1 provided with gas introducing ports 6, 9 respectively on the filtrate side and the original liquid side, a liquid feed pump or supplying the original liquid to the hollow yarn membrane module 1, a pressure gas supply device for supplying a pressure gas to the hollow yarn membrane module and a control device for operating the liquid feed pump and the pressure gas supply device.



Data supplied from the *espacenet* database — Worldwide